



Google Pixel Daughterboard Replacement

Replace the daughterboard on the Google Pixel.

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INTRODUCTION

If the device doesn't charge or won't record audio, then the microphone and charging port may need to be replaced. These components are located on the daughterboard.



TOOLS:

- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)
- [iOpener](#) (1)



PARTS:

- [Google Pixel Charging Assembly](#) (1)


Step 1 — Screen



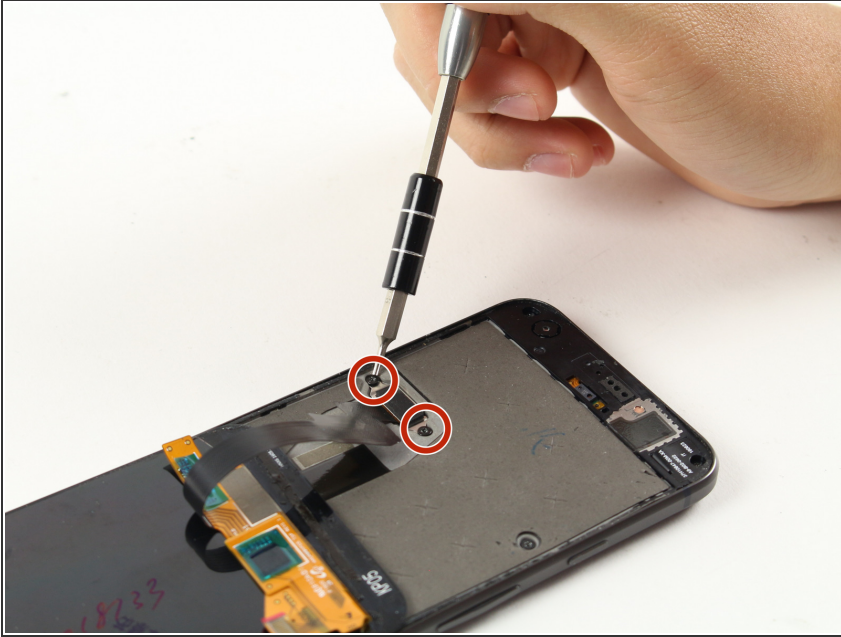
- Turn off the device.
- Heat and use an iOpener to soften the screen adhesive.
- Wedge an opening tool around the seam of the device to remove the screen.

Step 2



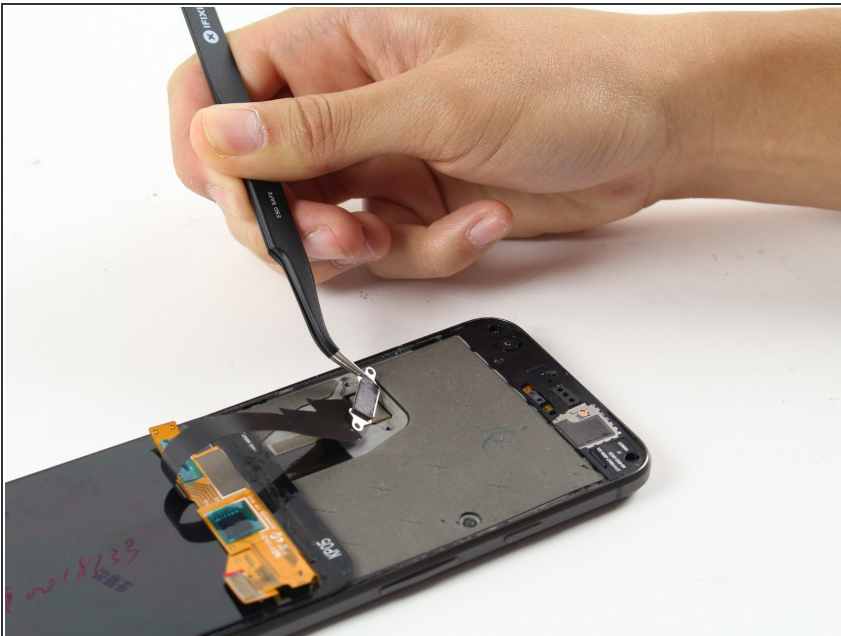
- Slowly pull the screen off the device with your hands.
-  Be careful to not pull too hard on the ribbon cable behind the display when lifting the screen off of the device.

Step 3



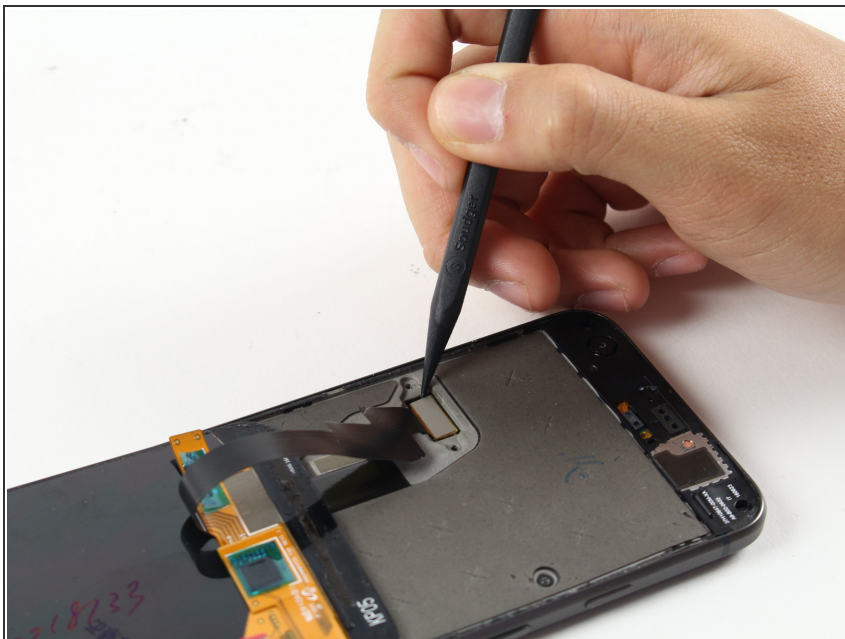
- Using a screwdriver, remove the two black 3.5 mm T5 screws holding the bracket in place.

Step 4



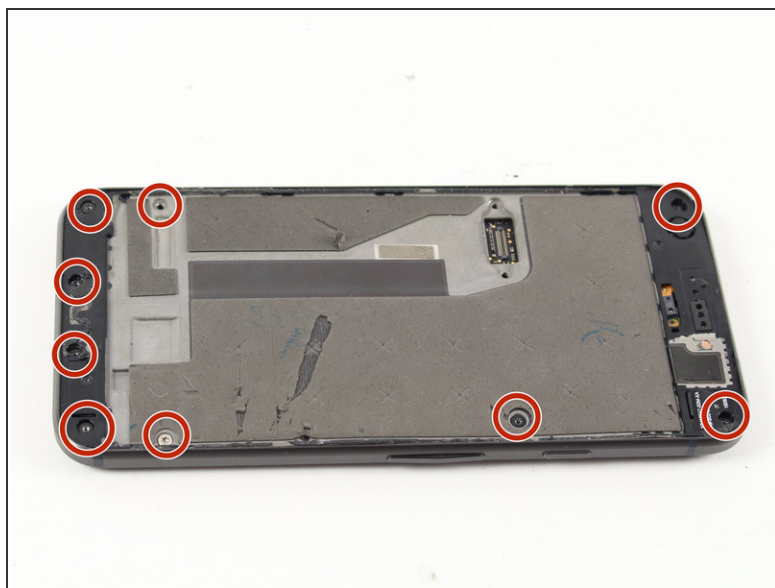
- Use tweezers to remove the bracket that holds the display connector in place.

Step 5



- Use a spudger to remove the connector from the device, and remove the screen completely.

Step 6 — Midframe



- Using a screwdriver, remove the nine 3.5 mm T5 screws holding the mid-frame in place.

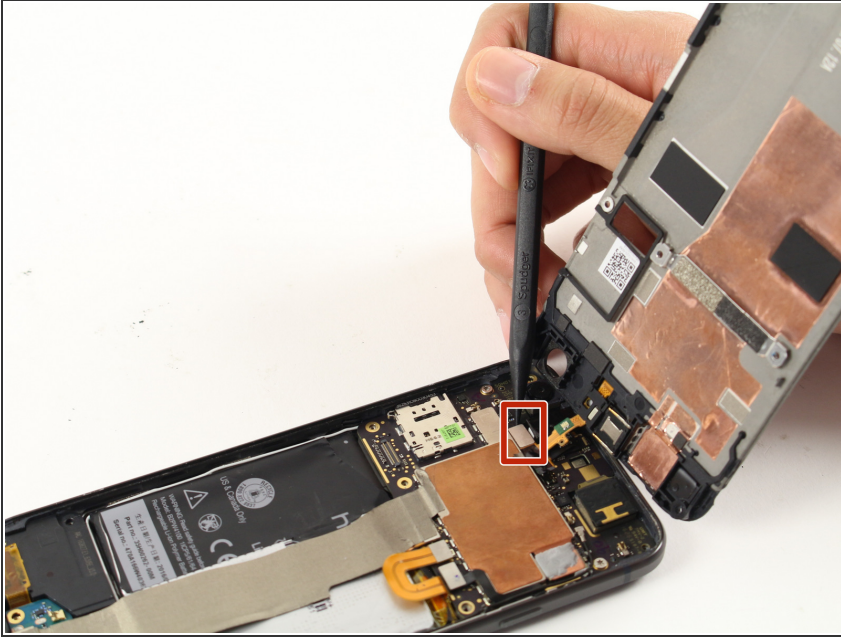
i The device's mid-frame has 9 screws total, but in the device shown, there are only 8.

Step 7



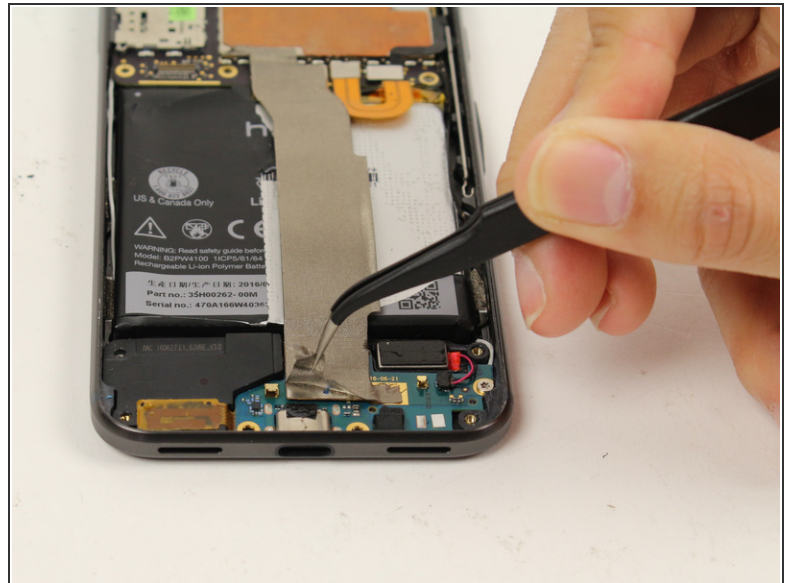
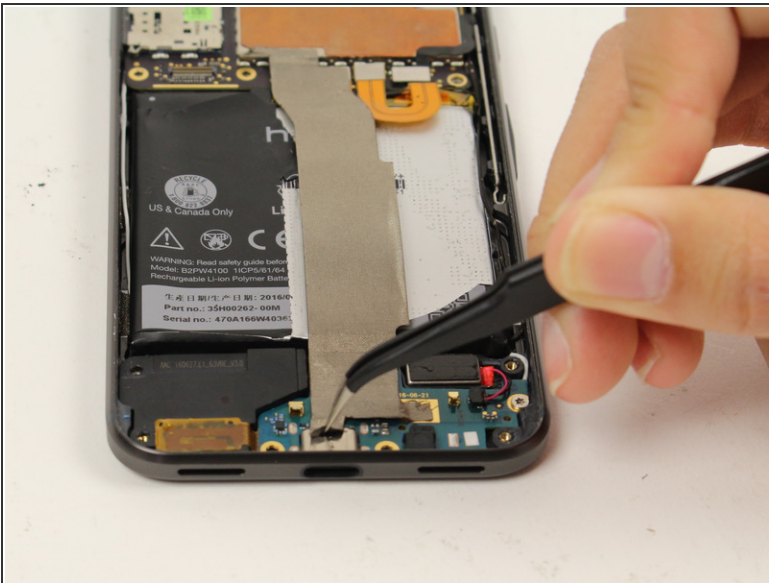
- Wedge an opening tool into the notch that is located at the top left part of the phone.
- Slide the opening tool across the seam of the device and lift the mid-frame.
- ⓘ Hearing clicks as you lift the mid-frame off is normal because of the clasps holding it down.
- ⚠ When lifting the mid-frame, be careful not to damage the ribbon cable connecting the earpiece speaker to the motherboard.

Step 8



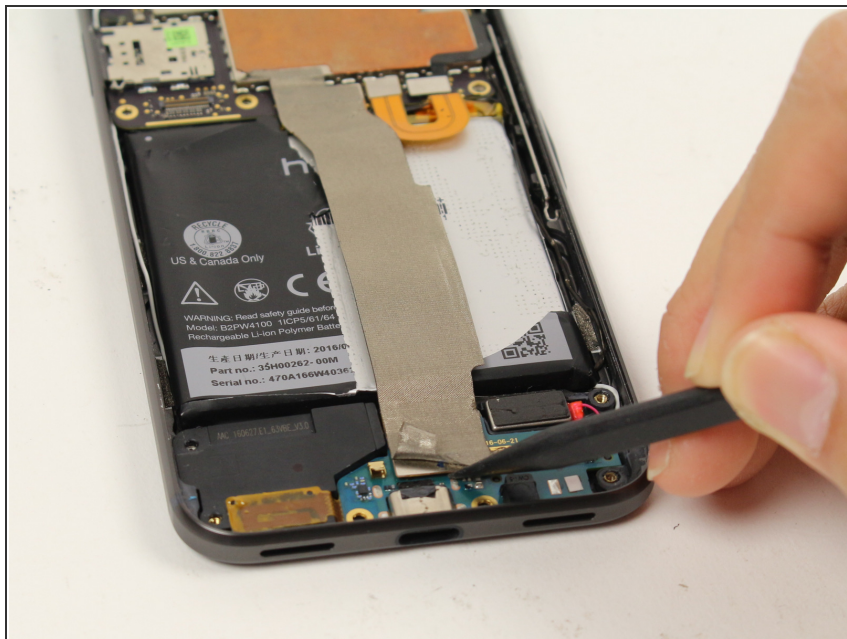
- Use a spudger to disconnect the earpiece speaker cable from the motherboard.
- Remove the mid-frame completely by lifting it off the device.

Step 9 — Daughterboard



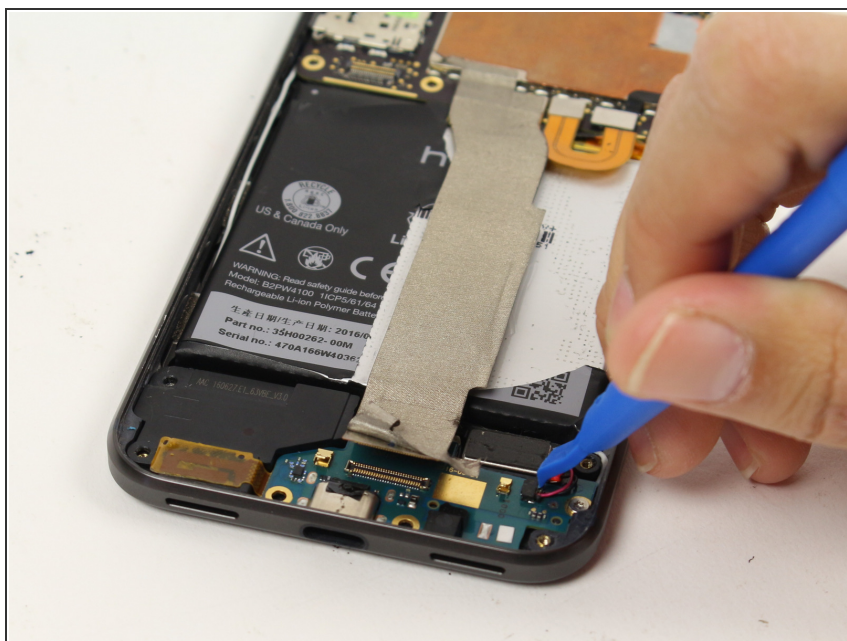
- Use tweezers to lift up the silver strip at the top of the daughterboard, and peel it back to expose the connector underneath.

Step 10



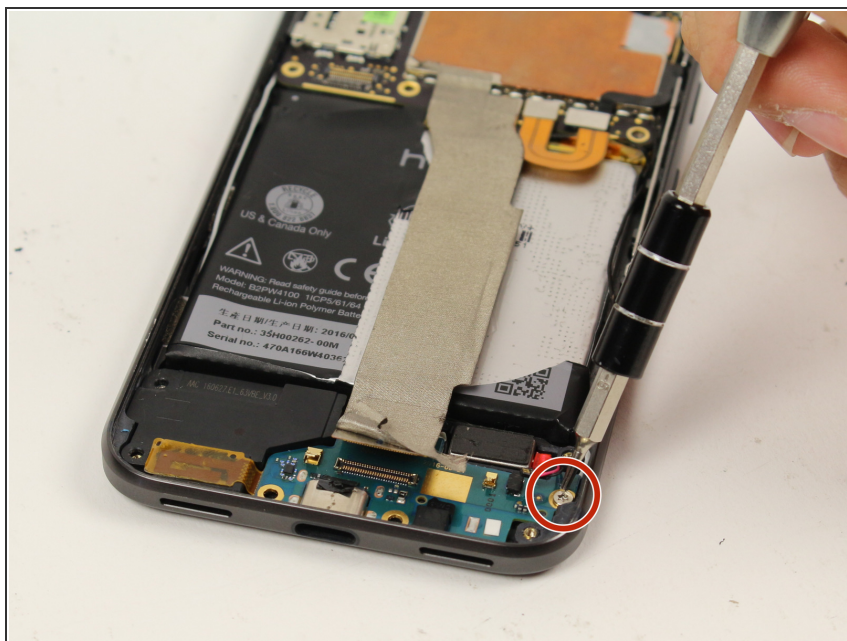
- Use a spudger to disconnect the ribbon cable from the daughterboard.

Step 11



- Use a plastic opening tool to slide the vibrator connector out of the daughterboard.

Step 12



- Remove the silver 2.5 mm T5 screw holding the daughterboard in place.

Step 13



- Using tweezers, lift the contact pads located to the left of the daughterboard.

Step 14



- Using tweezers, lift the daughterboard off of the device.

⚠ When lifting the daughterboard, be careful not to damage the signal wires connected on the back.

Step 15



- Using a spudger, disconnect the black and white signal wires located at the bottom of the daughterboard.
- Remove the daughterboard from the device.

To reassemble your device, follow these instructions in reverse order.

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